

MOUND STREET PCB'S  
REFERENCE 8

Preliminary Assessment  
Mound Street Power Plant  
St. Louis, Missouri  
TDD #F-07-8708-29 PAN #FM00579PA  
Site #Y33 Project #001  
Prepared by: E & E/FIT for Region VII EPA  
Task Leader: Eric Hess, E & E/FIT  
Superfund Contact: Pauletta R. France-Isetts  
Date: June 23, 1988

Site: MOUND ST. PCB  
ID #: MO0000093682  
Break: 17.8  
Other: 6-23-88

30024069



Superfund

MOUND STREET PCB'S  
REFERENCE 7

Site: MOUND ST. PCB  
ID #: MOD000093682  
Break: 17.8  
Other: 10-29-91

Final Report  
Screening Site Inspection  
Laclede Coal Gas  
St. Louis, Missouri  
EPA ID# MOD981715980  
TDD #F-07-9008-020 PAN #FM00579SA  
Site #Y33 Project #002  
Prepared by E & E/FIT for the  
Region VII EPA RPO  
Project Manager: Keith Brown  
Superfund Contact: Greg Reesor  
Date: October 29, 1991



**HAZARDOUS  
SITE  
EVALUATION  
DIVISION**

**RECEIVED**

FEB 18 1991

HAZARDOUS WASTE PROGRAM  
MISSOURI DEPARTMENT OF  
NATURAL RESOURCES

## Field Investigation Team Zone II



**CONTRACT NO.  
68-01-7347**

**ecology and environment, inc.**

International Specialists in the Environment

**MSD ENVIRONMENTAL COMPLIANCE LABORATORY  
INSTRUMENTATION ANALYSIS**

Lab. No. 786 Sample Source: St. W. L. F. (A) (412) Date Received 1/1/77

Sample Date 1/1/13 Time: 1:45 ☒ Grab ☐ Comp Collected by: \_\_\_\_\_

☒ IR   ☒ GC   ☐ LEL   ☐ RAD   ☐ UV   ☐ FLUOR   ☐ TLC   ☐ \_\_\_\_\_

<input type="checkbox"/> Priority Pollutant	mg/L	(except as noted)	<u>BASE/NEUTRALS:</u> (Cont'd)
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<input type="checkbox"/> VOLATILES:	ACIDS: (Cont'd)	_____ hexachlorocyclopentadiene	_____
		_____ hexachloroethane	_____

acrolein 2,4-dinitrophenol indeno (1,2,3-cd) pyrene  
6-nitrophenol

acrylonitrile		2-nitrophenol		isopropyl alcohol
benzene	21. "	4-nitrophenol		naphthalene

bromodichloromethane	pentachlorophenol	nitrobenzene
bromoforn	phenol	N-nitrosodimethylamine

bromotoluene	phenol	N-nitrosodimethylamine
bromomethane	2,4,6-trichlorophenol	N-nitrosodi-n-propylamine

**BASE/NEUTRALS**

chlorobenzene	acenaphthene	pyrene
chloroethane		

2-chloroethyl vinyl ether	scenaphthylene	2,3,7,8-tetrachlorodibenzo-p-dioxin

chloroform	anthracene	1,2-dichlorobenzene
chloromethane	benzidine	DETOXIFER

\_\_\_\_\_ dibromochloromethane \_\_\_\_\_ benzo(a)anthracene \_\_\_\_\_ PESTICIDES:  
 \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

1,2-dichlorobenzene	benzo(a)pyrene	sigma
1,3-dichlorobenzene	benzo(b)fluoranthene	alpha-BHC

1,4-dichlorobenzene	benzo (q,h,i) perylene	beta-BMC
	benzo (k) fluorene	gamma-BMC

1,1-dichloroethane	benzo (k) fluoranthene	gamma-BHC
1,2-dichloroethane	bis (2-chloroethoxy) methane	delta-BHC

1,1-dichloroethane	bis (2-chloroethyl) ether	chloroform
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trans-1, 2-dichloroethene	bis (2-chloroisopropyl) ether	4,4-DOO
1,2-dichloromethane	bis (2-ethylhexyl) phthalate	4,4-DOE

1, 3-dichloropropene, cis	4-bromophenyl phenyl ether	4,4-DDT
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1,3-dichloropropene, trans	butyl benzyl phthalate	dieldrin
ethyl benzene	2-chloronaphthalene	alpha-endosulfan

styryl benzene	4-chlorophenyl phenyl ether	beta-endosulfan
methylene chloride		

1,1,2,2-tetrachloroethane	chrysene	endosulfan sulfate
tetrachloroethane	dibenzo (a,h) anthracene	endrin

toluene	3,3-dichlorobenzidine	endrin aldehyde
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1,1,1-trichloroethane	diethyl phthalate	heptachlor epoxide
1,1,2-trichloroethane	dimethyl phthalate	heptachlor

trichloroethene	di-n-butyl phthalate
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vinyl chloride	di-n-octyl phthalate	PCB-1016
	2,4-dinitrotoluene	PCB-1221

<input type="checkbox"/>	<b>ACIDS:</b>	2,4-dinitrophenol	✓	PCB-1232
		2,6-dinitrotoluene	✓	

4-chloro-3-methylphenol	1,2-diphenylhydrazine	✓	PCB-1242	✓
2-chlorophenol	fluoranthene	✓	PCB-1244	✓

2,4-dichlorophenol	fluorene	PCB-1254	25.4
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2,4-dimethylphenol	hexachlorobenzene	PCB-1280
4,6-dichloro-2-methylphenol	hexachlorobutadiene	hexachlorobenzene

☐ Gas Chromatography results: 1.5, 1.8, 2.1, 2.4, 2.7, 3.0, 3.3, 3.6, 3.9, 4.2, 4.5, 4.8, 5.1, 5.4, 5.7, 6.0, 6.3, 6.6, 6.9, 7.2, 7.5, 7.8, 8.1, 8.4, 8.7, 9.0, 9.3, 9.6, 9.9, 10.2, 10.5, 10.8, 11.1, 11.4, 11.7, 12.0, 12.3, 12.6, 12.9, 13.2, 13.5, 13.8, 14.1, 14.4, 14.7, 15.0, 15.3, 15.6, 15.9, 16.2, 16.5, 16.8, 17.1, 17.4, 17.7, 18.0, 18.3, 18.6, 18.9, 19.2, 19.5, 19.8, 20.1, 20.4, 20.7, 21.0, 21.3, 21.6, 21.9, 22.2, 22.5, 22.8, 23.1, 23.4, 23.7, 24.0, 24.3, 24.6, 24.9, 25.2, 25.5, 25.8, 26.1, 26.4, 26.7, 27.0, 27.3, 27.6, 27.9, 28.2, 28.5, 28.8, 29.1, 29.4, 29.7, 30.0, 30.3, 30.6, 30.9, 31.2, 31.5, 31.8, 32.1, 32.4, 32.7, 33.0, 33.3, 33.6, 33.9, 34.2, 34.5, 34.8, 35.1, 35.4, 35.7, 36.0, 36.3, 36.6, 36.9, 37.2, 37.5, 37.8, 38.1, 38.4, 38.7, 39.0, 39.3, 39.6, 39.9, 40.2, 40.5, 40.8, 41.1, 41.4, 41.7, 42.0, 42.3, 42.6, 42.9, 43.2, 43.5, 43.8, 44.1, 44.4, 44.7, 45.0, 45.3, 45.6, 45.9, 46.2, 46.5, 46.8, 47.1, 47.4, 47.7, 48.0, 48.3, 48.6, 48.9, 49.2, 49.5, 49.8, 50.1, 50.4, 50.7, 51.0, 51.3, 51.6, 51.9, 52.2, 52.5, 52.8, 53.1, 53.4, 53.7, 54.0, 54.3, 54.6, 54.9, 55.2, 55.5, 55.8, 56.1, 56.4, 56.7, 57.0, 57.3, 57.6, 57.9, 58.2, 58.5, 58.8, 59.1, 59.4, 59.7, 60.0, 60.3, 60.6, 60.9, 61.2, 61.5, 61.8, 62.1, 62.4, 62.7, 63.0, 63.3, 63.6, 63.9, 64.2, 64.5, 64.8, 65.1, 65.4, 65.7, 66.0, 66.3, 66.6, 66.9, 67.2, 67.5, 67.8, 68.1, 68.4, 68.7, 69.0, 69.3, 69.6, 69.9, 70.2, 70.5, 70.8, 71.1, 71.4, 71.7, 72.0, 72.3, 72.6, 72.9, 73.2, 73.5, 73.8, 74.1, 74.4, 74.7, 75.0, 75.3, 75.6, 75.9, 76.2, 76.5, 76.8, 77.1, 77.4, 77.7, 78.0, 78.3, 78.6, 78.9, 79.2, 79.5, 79.8, 80.1, 80.4, 80.7, 81.0, 81.3, 81.6, 81.9, 82.2, 82.5, 82.8, 83.1, 83.4, 83.7, 84.0, 84.3, 84.6, 84.9, 85.2, 85.5, 85.8, 86.1, 86.4, 86.7, 87.0, 87.3, 87.6, 87.9, 88.2, 88.5, 88.8, 89.1, 89.4, 89.7, 90.0, 90.3, 90.6, 90.9, 91.2, 91.5, 91.8, 92.1, 92.4, 92.7, 93.0, 93.3, 93.6, 93.9, 94.2, 94.5, 94.8, 95.1, 95.4, 95.7, 96.0, 96.3, 96.6, 96.9, 97.2, 97.5, 97.8, 98.1, 98.4, 98.7, 99.0, 99.3, 99.6, 99.9, 100.2, 100.5, 100.8, 101.1, 101.4, 101.7, 102.0, 102.3, 102.6, 102.9, 103.2, 103.5, 103.8, 104.1, 104.4, 104.7, 105.0, 105.3, 105.6, 105.9, 106.2, 106.5, 106.8, 107.1, 107.4, 107.7, 108.0, 108.3, 108.6, 108.9, 109.2, 109.5, 109.8, 110.1, 110.4, 110.7, 111.0, 111.3, 111.6, 111.9, 112.2, 112.5, 112.8, 113.1, 113.4, 113.7, 114.0, 114.3, 114.6, 114.9, 115.2, 115.5, 115.8, 116.1, 116.4, 116.7, 117.0, 117.3, 117.6, 117.9, 118.2, 118.5, 118.8, 119.1, 119.4, 119.7, 120.0, 120.3, 120.6, 120.9, 121.2, 121.5, 121.8, 122.1, 122.4, 122.7, 123.0, 123.3, 123.6, 123.9, 124.2, 124.5, 124.8, 125.1, 125.4, 125.7, 126.0, 126.3, 126.6, 126.9, 127.2, 127.5, 127.8, 128.1, 128.4, 128.7, 129.0, 129.3, 129.6, 129.9, 130.2, 130.5, 130.8, 131.1, 131.4, 131.7, 132.0, 132.3, 132.6, 132.9, 133.2, 133.5, 133.8, 134.1, 134.4, 134.7, 135.0, 135.3, 135.6, 135.9, 136.2, 136.5, 136.8, 137.1, 137.4, 137.7, 138.0, 138.3, 138.6, 138.9, 139.2, 139.5, 139.8, 140.1, 140.4, 140.7, 141.0, 141.3, 141.6, 141.9, 142.2, 142.5, 142.8, 143.1, 143.4, 143.7, 144.0, 144.3, 144.6, 144.9, 145.2, 145.5, 145.8, 146.1, 146.4, 146.7, 147.0, 147.3, 147.6, 147.9, 148.2, 148.5, 148.8, 149.1, 149.4, 149.7, 150.0, 150.3, 150.6, 150.9, 151.2, 151.5, 151.8, 152.1, 152.4, 152.7, 153.0, 153.3, 153.6, 153.9, 154.2, 154.5, 154.8, 155.1, 155.4, 155.7, 156.0, 156.3, 156.6, 156.9, 157.2, 157.5, 157.8, 158.1, 158.4, 158.7, 159.0, 159.3, 159.6, 159.9, 160.2, 160.5, 160.8, 161.1, 161.4, 161.7, 162.0, 162.3, 162.6, 162.9, 163.2, 163.5, 163.8, 164.1, 164.4, 164.7, 165.0, 165.3, 165.6, 165.9, 166.2, 166.5, 166.8, 167.1, 167.4, 167.7, 168.0, 168.3, 168.6, 168.9, 169.2, 169.5, 169.8, 170.1, 170.4, 170.7, 171.0, 171.3, 171.6, 171.9, 172.2, 172.5, 172.8, 173.1, 173.4, 173.7, 174.0, 174.3, 174.6, 174.9, 175.2, 175.5, 175.8, 176.1, 176.4, 176.7, 177.0, 177.3, 177.6, 177.9, 178.2, 178.5, 178.8, 179.1, 179.4, 179.7, 180.0, 180.3, 180.6, 180.9, 181.2, 181.5, 181.8, 182.1, 182.4, 182.7, 183.0, 183.3, 183.6, 183.9, 184.2, 184.5, 184.8, 185.1, 185.4, 185.7, 186.0, 186.3, 186.6, 186.9, 187.2, 187.5, 187.8, 188.1, 188.4, 188.7, 189.0, 189.3, 189.6, 189.9, 190.2, 190.5, 190.8, 191.1, 191.4,

☐ Thin-Layer Chromatography results: \_\_\_\_\_ ☐ Appearance: \_\_\_\_\_☒ Infrared Spectroscopy (a) methods utilized: FTIR, ATR, DSC ☐ Odor: \_\_\_\_\_

(b) results: 1.11 g/ml - 5 ml + 10 ml

141. 250 - 1.000 - 1.000

[illegible]☐ Ultraviolet/Visible Spectroscopy results: \_\_\_\_\_

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\_\_\_\_\_

\_\_\_\_\_

☐ **Special Tests: (specify)** \_\_\_\_\_

Conclusions Both Infrared spectra and GC/FID resemble Diesel

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5/13/22 10 17

Date Transmitted: 2/15/13 by: L. M. & J. V. Green

# MSD ENVIRONMENTAL COMPLIANCE LABORATORY INSTRUMENTATION ANALYSIS

Lab. No. 787 Sample Source: Mobile Fuel (41) Date Received 7/7/73  
Sample Date 7/7/73 Time: 0700 ☒ Grab ☐ Comp Collected by: \_\_\_\_\_

☒ IR ☒ GC ☐ LEL ☐ RAD ☐ UV ☐ FLUOR ☐ TLC ☐ \_\_\_\_\_

<input type="checkbox"/> <b>Priority Pollutant</b> mg/L  <input type="checkbox"/> <b>VOLATILES:</b> acrolein _____ acrylonitrile _____ benzene _____ bromodichloromethane _____ bromoform _____ bromomethane _____ carbon tetrachloride _____ chlorobenzene _____ chloroethane _____ 2-chloroethyl vinyl ether _____ chloroform _____ chloromethane _____ dibromochloromethane _____ 1,2-dichlorobenzene _____ 1,3-dichlorobenzene _____ 1,4-dichlorobenzene _____ 1,1-dichloroethane _____ 1,2-dichloroethane _____ 1,1-dichloroethane _____ trans-1, 2-dichloroethane _____ 1,2-dichloropropane _____ 1,3-dichloropropane, cis _____ 1,3-dichloropropane, trans _____ ethyl benzene _____ methylene chloride _____ 1,1,2,2-tetrachloroethane _____ tetrachloroethane _____ toluene _____ 1,1,1-trichloroethane _____ 1,1,2-trichloroethane _____ trichloroethane _____ vinyl chloride _____  <input type="checkbox"/> <b>ACIDS:</b> 4-chloro-3-methylphenol _____ 2-chlorophenol _____ 2,4-dichlorophenol _____ 2,4-dimethylphenol _____ 4,6-dinitro-2-methylphenol _____	(except as noted)  <input type="checkbox"/> <b>ACIDS: (Cont'd)</b> 2,4-dinitrophenol _____ 2-nitrophenol _____ 4-nitrophenol _____ pentachlorophenol _____ phenol _____ 2,4,6-trichlorophenol _____  <input type="checkbox"/> <b>BASE/NEUTRALS</b> acenaphthene _____ acenaphthylene _____ anthracene _____ benzidine _____ benzo(a)anthracene _____ benzo(a)pyrene _____ benzo(b)fluoranthene _____ benzo(g,h,i)perylene _____ benzo(k)fluoranthene _____ bis(2-chloroethoxy)methane _____ bis(2-chloroethyl) ether _____ bis(2-chloroisopropyl) ether _____ bis(2-ethylhexyl) phthalate _____ 4-bromophenyl phenyl ether _____ butyl benzyl phthalate _____ 2-chloronaphthalene _____ 4-chlorophenyl phenyl ether _____ chrysene _____ dibenzo(a,h)anthracene _____ 3,3-dichlorobenzidine _____ diethyl phthalate _____ dimethyl phthalate _____ di-n-butyl phthalate _____ di-n-octyl phthalate _____ 2,4-dinitrotoluene _____ 2,6-dinitrotoluene _____ 1,2-diphenylhydrazine _____ fluoranthene _____ fluorene _____ hexachlorobenzene _____ hexachlorobutadiene _____	<b>BASE/NEUTRALS: (Cont'd)</b> hexachlorocyclopentadiene _____ hexachloroethane _____ indeno(1,2,3-cd)pyrene _____ isophorone _____ naphthalene _____ nitrobenzene _____ N-nitrosodimethylamine _____ N-nitrosodi-n-propylamine _____ N-nitrosodiphenylamine _____ phenanthrene _____ pyrene _____ 2,3,7,8-tetrachlorodibenzo-p-dioxin _____ 1,2,4-trichlorobenzene _____  <input type="checkbox"/> <b>PESTICIDES:</b> aldrin _____ alpha-BHC _____ beta-BHC _____ gamma-BHC _____ delta-BHC _____ chlordane _____ 4,4'-DDD _____ 4,4'-DDE _____ 4,4'-DDT _____ dieldrin _____ alpha-endosulfan _____ beta-endosulfan _____ endosulfan sulfate _____ endrin _____ endrin aldehyde _____ heptachlor epoxide _____ heptachlor _____  PCB-1016 _____ PCB-1221 _____ PCB-1232 _____ PCB-1242 _____ PCB-1248 _____ PCB-1254 _____ PCB-1260 _____ toxaphene _____
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☐ Gas Chromatography results: \_\_\_\_\_

☐ Thin-Layer Chromatography results: \_\_\_\_\_

☒ Infrared Spectroscopy (a) methods utilized: transmittance

(b) results: 1715 cm<sup>-1</sup> - carbonyl - ketone  
1600 cm<sup>-1</sup> - aromatic - benzene  
1510 cm<sup>-1</sup> - aromatic - benzene  
1450 cm<sup>-1</sup> - aromatic - benzene

☐ Ultraviolet/Visible Spectroscopy results: \_\_\_\_\_

☐ Special Tests: (specify) \_\_\_\_\_

Conclusions Infrared spectra and GC/MS resemble Diesel Fuel

Date Transmitted: 8/13/73 by: Daniel F. Linder

# MSD ENVIRONMENTAL COMPLIANCE LABORATORY INSTRUMENTATION ANALYSIS

Lab. No. 888 Sample Source: 100-100 F-6A1/1011 Date Received 7/1/93  
Sample Date 7/1/93 Time: 6:25 ☒ Grab ☐ Comp Collected by: \_\_\_\_\_

☒ IR ☒ GC ☐ LEL ☐ RAD ☐ UV ☐ FLUOR ☐ TLC ☐ \_\_\_\_\_

<input type="checkbox"/> <b>Priority Pollutant</b>	mg/L	(except as noted)	<b>BASE/NEUTRALS: (Cont'd)</b>
<input type="checkbox"/> <b>VOLATILES:</b>		<b>ACIDS: (Cont'd)</b>	hexachlorocyclopentadiene
acrolein		2,4-dinitrophenol	hexachloroethane
acrylonitrile		2-nitrophenol	indeno (1,2,3-cd) pyrene
<input checked="" type="checkbox"/> benzene		4-nitrophenol	isophorone
bromodichloromethane		pentachlorophenol	naphthalene
bromoform		phenol	nitrobenzene
bromomethane		2,4,6-trichlorophenol	N-nitrosodimethylamine
carbon tetrachloride			N-nitrosodi-n-propylamine
chlorobenzene		<input type="checkbox"/> <b>BASE/NEUTRALS</b>	N-nitrosodiphenylamine
chloroethane		acenaphthene	phenanthrene
2-chloroethyl vinyl ether		acenaphthylene	pyrene
chloroform		anthracene	2,3,7,8-tetrachlorodibenzo-p-dioxin
chloromethane		benzidine	1,2,4-trichlorobenzene
dibromochloromethane		benzo(a)anthracene	<input type="checkbox"/> <b>PESTICIDES:</b>
1,2-dichlorobenzene		benzo(a)pyrene	aldrin
1,3-dichlorobenzene		benzo(b)fluoranthene	alpha-BHC
1,4-dichlorobenzene		benzo(g,h,i)perylene	beta-BHC
1,1-dichloroethane		benzo(k)fluoranthene	gamma-BHC
1,2-dichloroethane		bis(2-chloroethoxy)methane	delta-BHC
1,1-dichloroethene		bis(2-chloroethyl) ether	chlordane
trans-1,2-dichloroethane		bis(2-chloroisopropyl) ether	4,4'-DDD
1,2-dichloropropane		bis(2-ethylhexyl) phthalate	4,4'-DDE
1,3-dichloropropene, cis		4-bromophenyl phenyl ether	4,4'-DDT
1,3-dichloropropene, trans		butyl benzyl phthalate	dieldrin
ethyl benzene		2-chloronaphthalene	alpha-endosulfan
methylene chloride		4-chlorophenyl phenyl ether	beta-endosulfan
1,1,2,2-tetrachloroethane		chrysene	endosulfan sulfate
tetrachloroethane		dibenzo(a,h)anthracene	endrin
toluene		3,3-dichlorobenzidine	endrin aldehyde
1,1,1-trichloroethane		diethyl phthalate	heptachlor epoxide
1,1,2-trichloroethane		dimethyl phthalate	heptachlor
trichloroethane		di-n-butyl phthalate	
vinyl chloride		di-n-octyl phthalate	PCB-1018
		2,4-dinitrotoluene	PCB-1221
<input type="checkbox"/> <b>ACIDS:</b>		2,6-dinitrotoluene	PCB-1232
4-chloro-3-methylphenol		1,2-diphenylhydrazine	PCB-1242
2-chlorophenol		fluoranthene	PCB-1248
2,4-dichlorophenol		fluorene	PCB-1254
2,4-dimethylphenol		hexachlorobenzene	PCB-1260
4,6-dinitro-2-methylphenol		hexachlorobutadiene	toxaphene

☐ Gas Chromatography results: None detected

☐ Thin-Layer Chromatography results: \_\_\_\_\_

☒ Infrared Spectroscopy (a) methods utilized: FTIR

(b) results: 2920 cm<sup>-1</sup> - C-H stretch

1460 cm<sup>-1</sup> - Aromatic C=C stretch

1300 cm<sup>-1</sup> - Aromatic C-H bend

1100 cm<sup>-1</sup> - Aromatic C-H bend

☐ Ultraviolet/Visible Spectroscopy results: \_\_\_\_\_

☐ Special Tests: (specify) \_\_\_\_\_

Conclusions FTIR spectrum and GC/MS resemble Diesel Fuel.

Date Transmitted: 7/12/93 by: Daniel F. Kennedy

# MSD ENVIRONMENTAL COMPLIANCE LABORATORY INSTRUMENTATION ANALYSIS

MOUND STREET PCB'S  
REFERENCE 10

Lab. No. 270 Sample Source: Wet Well Date Received 7-9-93

Sample Date 7-8-93 Time: \_\_\_\_\_ ☐ Grab ☐ Comp Collected by: \_\_\_\_\_

☒ IR ☐ GC ☐ LEL ☐ RAD ☐ UV ☐ FLUOR ☐ TLC ☐ \_\_\_\_\_

<input type="checkbox"/> <b>Priority Pollutant</b>	mg/L	(except as noted)	<b>BASE/NEUTRALS: (Cont'd)</b>
<input type="checkbox"/> <b>VOLATILES:</b>		<b>ACIDS: (Cont'd)</b>	hexachlorocyclopentadiene
acrolein		2,4-dinitrophenol	hexachlorobenzene
acrylonitrile		2-nitrophenol	indeno (1,2,3-cd) pyrene
benzene		4-nitrophenol	isophorone
bromodichloromethane		pentachlorophenol	naphthalene
bromoform		phenol	nitrobenzene
bromomethane		2,4,6-trichlorophenol	N-nitrosodimethylamine
carbon tetrachloride			N-nitrosodi-n-propylamine
chlorobenzene		<input type="checkbox"/> <b>BASE/NEUTRALS</b>	N-nitrosodiphenylamine
chloroethane		acenaphthene	phenanthrene
2-chloroethyl vinyl ether		acenaphthylene	pyrene
chloroform		anthracene	2,3,7,8-tetrachlorodibenzo-p-dioxin
chloromethane		benzidine	1,2,4-trichlorobenzene
dibromochloromethane		benzo(a)anthracene	
1,2-dichlorobenzene		benzo(a)pyrene	<input type="checkbox"/> <b>PESTICIDES:</b>
1,3-dichlorobenzene		benzo (b) fluoranthene	aldrin
1,4-dichlorobenzene		benzo (q,h,i) perylene	alpha-BHC
1,1-dichloroethane		benzo (k) fluoranthene	beta-BHC
1,2-dichloroethane		bis (2-chloroethoxy) methane	gamma-BHC
1,1-dichloroethane		bis (2-chloroethyl) ether	delta-BHC
trans-1, 2-dichloroethane		bis (2-chloroisopropyl) ether	chlordan
1,2-dichloropropane		bis (2-ethylhexyl) phthalate	4,4'-DDD
1, 3-dichloropropene, cis		4-bromophenyl phenyl ether	4,4'-DDE
1, 3-dichloropropene, trans		butyl benzyl phthalate	4,4'-DDT
ethyl benzene		2-chloronaphthalene	dieldrin
methylene chloride		4-chlorophenyl phenyl ether	alpha-endosulfan
1,1,2,2-tetrachloroethane		chrysene	beta-endosulfan
tetrachloroethene		dibenzo (a,h) anthracene	endosulfan sulfate
toluene		3,3-dichlorobenzidine	endrin
1,1,1-trichloroethane		diethyl phthalate	endrin aldehyde
1,1,2-trichloroethane		dimethyl phthalate	heptachlor epoxide
trichloroethene		di-n-butyl phthalate	heptachlor
vinyl chloride		di-n-octyl phthalate	
<input type="checkbox"/> <b>ACIDS:</b>		2,4-dinitrotoluene	<input checked="" type="checkbox"/> PCB-1016
4-chloro-3-methylphenol		2,6-dinitrotoluene	<input checked="" type="checkbox"/> PCB-1221
2-chlorophenol		1,2-diphenylhydrazine	<input checked="" type="checkbox"/> PCB-1233
2,4-dichlorophenol		fluoranthene	<input checked="" type="checkbox"/> PCB-1242
2,4-dimethylphenol		fluorene	<input checked="" type="checkbox"/> PCB-1248
4, 6-dinitro-2-methylphenol		hexachlorobenzene	<input checked="" type="checkbox"/> PCB-1254
		hexachlorobutadiene	<input checked="" type="checkbox"/> PCB-1260
			toxaphene

☐ Gas Chromatography results: \_\_\_\_\_

☐ Thin-Layer Chromatography results: \_\_\_\_\_

☒ Appearance: Dark oil

☒ Infrared Spectroscopy (a) methods utilized: Smear test

☒ Odor: Gasoline

(b) results: 2930 cm<sup>-1</sup> - Triplet - Strong  
1460 cm<sup>-1</sup> - Singlet - Moderate  
1380 cm<sup>-1</sup> - Singlet - Moderate

☐ API Gravity: \_\_\_\_\_

☐ Solubilities: \_\_\_\_\_

☐ Ultraviolet/Visible Spectroscopy results: \_\_\_\_\_

☐ Distillation Range: \_\_\_\_\_

☐ Flash Point: \_\_\_\_\_

☒ Special Tests: (specify) Dessil "Clear-oil" PCB screening Kit 1/50 Dilution > 50ppm

Conclusions Infrared Spectra on Sample # 0434 and #270 are similar.

Date Transmitted: 7/19/93 by: Daniel F. Landa

# MSD ENVIRONMENTAL COMPLIANCE LABORATORY INSTRUMENTATION ANALYSIS

Lab. No. 434 Sample Source: UST Brooklyn & Mead Date Received 7/15/93

Sample Date 7/14/93 Time: \_\_\_\_\_ ☒ Grab ☐ Comp Collected by: \_\_\_\_\_

☒ IR ☒ GC ☐ LEL ☐ RAD ☐ UV ☐ FLUOR ☐ TLC ☐ \_\_\_\_\_

<input type="checkbox"/> <b>Priority Pollutant</b> _____ mg/L (except as noted)  <input type="checkbox"/> <b>VOLATILES:</b> acrolein _____ acrylonitrile _____ benzene _____ bromodichloromethane _____ bromoform _____ bromomethane _____ carbon tetrachloride _____ chlorobenzene _____ chloroethane _____ 2-chloroethyl vinyl ether _____ chloroform _____ chloromethane _____ dibromochloromethane _____ 1,2-dichlorobenzene _____ 1,3-dichlorobenzene _____ 1,4-dichlorobenzene _____ 1,1-dichloroethane _____ 1,2-dichloroethane _____ 1,1-dichloroethane _____ 1,2-dichloroethane _____ trans-1, 2-dichloroethane _____ 1,2-dichloropropane _____ 1, 3-dichloropropane, cis _____ 1, 3-dichloropropane, trans _____ ethyl benzene _____ methylene chloride _____ 1,1,2,2-tetrachloroethane _____ tetrachloroethene _____ toluene _____ 1,1,1-trichloroethane _____ 1,1,2-trichloroethane _____ trichloroethane _____ vinyl chloride _____  <input type="checkbox"/> <b>ACIDS:</b> 4-chloro-3-methylphenol _____ 2-chlorophenol _____ 2,4-dichlorophenol _____ 2,4-dimethylphenol _____ 4,6-dinitro-2-methylphenol _____	<input type="checkbox"/> <b>ACIDS: (Cont'd)</b> 2,4-dinitrophenol _____ 2-nitrophenol _____ 4-nitrophenol _____ pentachlorophenol _____ phenol _____ 2,4,6-trichlorophenol _____  <input type="checkbox"/> <b>BASE/NEUTRALS</b> acenaphthene _____ acenaphthylene _____ anthracene _____ benzidine _____ benzo(a)anthracene _____ benzo(a)pyrene _____ benzo(b)fluoranthene _____ benzo(g,h,i)perylene _____ benzo(k)fluoranthene _____ bis(2-chloroethoxy) methane _____ bis(2-chloroethyl) ether _____ bis(2-chloroisopropyl) ether _____ bis(2-ethoxyethyl) phthalate _____ 4-bromophenyl phenyl ether _____ butyl benzyl phthalate _____ 2-chloronaphthalene _____ 4-chlorophenyl phenyl ether _____ chrysene _____ dibenzo(a,h)anthracene _____ 3,3-dichlorobenzidine _____ diethyl phthalate _____ dimethyl phthalate _____ di-n-butyl phthalate _____ di-n-octyl phthalate _____ 2,4-dinitrotoluene _____ 2,6-dinitrotoluene _____ 1,2-diphenylhydrazine _____ fluoranthene _____ fluorene _____ hexachlorobenzene _____ hexachlorobutadiene _____	<b>BASE/NEUTRALS: (Cont'd)</b> hexachlorocyclopentadiene _____ hexachloroethane _____ indeno(1,2,3-cd)pyrene _____ isophorone _____ naphthalene _____ nitrobenzene _____ N-nitrosodimethylamine _____ N-nitrosodi-n-propylamine _____ N-nitrosodiphenylamine _____ phenanthrene _____ pyrene _____ 2,3,7,8-tetrachlorodibenzo-p-dioxin _____ 1,2,4-trichlorobenzene _____  <input type="checkbox"/> <b>PESTICIDES:</b> aldrin _____ alpha-BHC _____ beta-BHC _____ gamma-BHC _____ delta-BHC _____ chlordane _____ 4,4'-DDD _____ 4,4'-DDE _____ 4,4'-DDT _____ dieldrin _____ alpha-endosulfan _____ beta-endosulfan _____ endosulfan sulfate _____ endrin _____ endrin aldehyde _____ heptachlor epoxide _____ heptachlor _____  PCB-1018 _____ <u>&lt;1.0</u> PCB-1221 _____ <u>&lt;1.0</u> PCB-1232 _____ <u>&lt;1.0</u> PCB-1242 _____ <u>&lt;1.0</u> PCB-1248 _____ <u>&lt;1.0</u> PCB-1254 _____ <u>39.0</u> PCB-1260 _____ <u>&lt;1.0</u> toxaphene _____
--	--	--

☐ Gas Chromatography results: \_\_\_\_\_

☐ Thin-Layer Chromatography results: \_\_\_\_\_

☒ Infrared Spectroscopy (a) methods utilized: Scan test

(b) results: 2920 - Strong - Triplet  
1460 - Medium - Singlet  
1380 - Medium - Singlet

☐ Ultraviolet/Visible Spectroscopy results: \_\_\_\_\_

☐ Special Tests: (specify) \_\_\_\_\_

Conclusions Infrared spectra on Samples # 434 and #270 are similar.

☒ Appearance: Dark oil

☒ Odor: Gasoline & Oil

☐ API Gravity: \_\_\_\_\_

☐ Solubilities: \_\_\_\_\_

☐ Distillation Range: \_\_\_\_\_

☐ Flash Point: \_\_\_\_\_

☐ \_\_\_\_\_

Date Transmitted: 7/19/93 by: Daniel J. Jurek

MOUND STREET PCB'S  
REFERENCE 11

Site: MOUND ST. PCB  
ID #: MO0000093682  
Break: 17.8  
Other: 9-16-93

**ACTIVITIES REPORT  
TRRA of St. Louis  
First & Mound Streets Site  
MDNR Spill Report  
# 07143 - KB - 1331**

RECEIVED  
SEP 16 1993  
HAZARDOUS WASTE PROGRAM  
MISSOURI DEPARTMENT OF  
NATURAL RESOURCES

**The GEHM Corporation  
1417 Bingham Rd.  
P.O. Box 65  
Boonville, MO 65233**





MOUND STREET PCB  
REFERENCE 23

THE  
**GEHM**

Corporation

1417 Bingham Road  
Post Office Box 65  
Boonville, MO 65233

816-882-3485  
816-882-5766 (Fax)

Site:	MOUND ST. PCB
ID #:	M100000093682
Break:	17.8
Other:	10-26-93

**RECEIVED**  
OCT 28 1993

HAZARDOUS WASTE PROGRAM  
MISSOURI DEPARTMENT OF  
NATURAL RESOURCES

October 26, 1993

Ms. Kris Davidson, Environmental Specialist  
Missouri Department of Natural Resources  
Hazardous Waste Program - Superfund Section  
P.O. Box 176  
Jefferson City, Missouri 65102

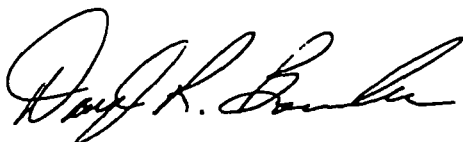
RE: UST Removal Closure Report

Dear Ms. Davidson,

We are submitting the enclosed report on behalf of Terminal Railroad Association (TRRA) of St. Louis. The report contains soil sample analysis results as requested by TRRA. I hope you find this information useful in your investigation of the area.

Should you have any questions regarding this report or require additional information, please call me at (816) 882-3485.

Sincerely,



Daryl R. Bowles, CHMM  
Director,  
Environmental Field Services

cc: Mr Bob Ripper  
Terminal Railroad Association of St. Louis  
700 North Second Street  
St. Louis, Missouri 63102

STATE OF MISSOURI  
DEPARTMENT OF NATURAL RESOURCES

MEMORANDUM

Site:	MOUND ST. PCB
ID #:	MO00000093682
Break:	1.7.8
Other:	11-22-93

DATE: November 22, 1993

TO: Mound Street PCB Site

FROM: Don Falls, Environmental Specialist  
Site Evaluation Unit, Superfund Section  
Hazardous Waste Program

SUBJECT: Mound Street PCB Site Reconnaissance

On November 11, 1993, I traveled to the Mound Street PCB site to conduct a site reconnaissance and meet with Mr. Daryl Bowles and Mr. David Gehm of the GEHM Corporation. The site is located at Mound and Brooklyn Streets, on the Riverfront, in downtown St Louis. I arrived at the site at 8:35 a.m. and first made a vehicle reconnaissance of the area within 1/4 mile of the site. The weather was clear and sunny with a temperature of approximately 55 degrees.

At 9:00 a.m., I met with Mr. Bowles and Mr. Gehm at the old terminal building. They were at the site to oversee the removal of waste oil that had been temporarily stored on-site from an earlier underground storage tank removal. I first asked Mr. Bowles if he could show me where the Metropolitan Sewer District pump station was located. He directed me to the pump station located at the end of Brooklyn Street, approximately 400 feet from the old terminal building. The pump station is located next to the flood wall and is surrounded by a security fence. I noted that five 55-gallon drums marked as waste oil and PCBs (Polychlorinated Biphenyl) were stored against the pump station south wall.

I then asked Mr. Bowles if he would show me exactly where the boring attempts were made that he had referred to in his activities report. We walked across Mound Street to an area immediately east of the old terminal building. This area appeared as an anomaly on the IR/T (Infrared Thermograph) survey completed in August 1993 by Entech Engineering as part of GEHM Inc.'s investigation of the site. Mr. Bowles explained that the drilling attempts were unsuccessful due to solid rock, cinder block, and other debris being encountered at a depth of about five feet. Mr. Bowles informed me that a long-time employee of Apex Fuel Company claims that Union Electric Company once used a building at this particular site to store transformers. The

DEPARTMENT OF NATURAL RESOURCES  
Division of Environmental Quality  
Hazardous Waste Program

TELEPHONE OR CONFERENCE RECORD

Site:	MOUND ST. PCB
ID #:	MD 0000093682
Break:	17.8
Other:	12-13-93

File: Mound Street PCB Site

Date: December 13, 1993

TELEPHONE (314) 436-8735

CONFERENCE

Incoming ( )  
Outgoing (X)

Field ( )  
Office (X)

SUBJECT: Mound Street PCB Site

PERSONS INVOLVED

Name

Don Falls  
Howard Edmond  
Anne Olberding  
Bob Jackson

Representing

MDNR/HWP  
Metropolitan Sewer District  
USEPA, Region VII (913) 551-7718  
USEPA, Region VII (913) 551-7020

SUMMARY OF CONVERSATION:

I phoned Mr. Howard Edmond of the MSD (Metropolitan Sewer District) to find out exactly how the waste oil was seeping into the Brooklyn Street pump station. Mr. Howard explained that sometime around the middle of July 1993, oil was noticed seeping from the storm sewer into the wet well of the pump station. Mr. Howard said that the Brooklyn Street pump station only pumps storm water, and therefore only operates during periods of rain. Mr. Howard said that the oil stayed on top of the wet well, and was later pumped off by React Environmental. He said that it was possible that some of the oil made it out to the river. Mr. Howard said that the MSD laboratory did the analysis on the samples that he collected. The results indicate Aroclor 1254 in the oil at 47 parts per million.

I then asked Mr. Howard if he was familiar with the history of the Mound Street site. He related that there was a rumor that the basement of the former Union Electric building, which occupied part of the site, was said to be full of old transformers, and was claimed to be an EPA (U.S. Environmental Protection Agency) Superfund site where a "poor cleanup" was performed before the building was demolished.

Mr. Howard further said that he believes that the City of St Louis may now own the former Union Electric property, and Inspector Charles Gay with the St. Louis Fire Department would know more about the site, because he has been working on the site for some time.

DEPARTMENT OF NATURAL RESOURCES  
Division of Environmental Quality  
Hazardous Waste Program

TELEPHONE OR CONFERENCE RECORD

Site:	MOUND ST. PCB
ID #:	M00000093682
Break:	17.8
Other:	12-29-93

File: Mound Street PCB Site

Date: December 29, 1993

TELEPHONE

CONFERENCE

Incoming (X)  
Outgoing ( )

Field ( )  
Office (X)

SUBJECT: Mound Street PCB Site, Drinking Water Intakes

PERSONS INVOLVED

Name

Representing

Eddie Starbuck  
Don Falls  
Sally McConkey  
Richard Reed

MDNR, Geology and Land Survey  
MDNR, Hazardous Waste Program  
Illinois Water Survey  
Illinois American Water Company

SUMMARY OF CONVERSATION:

Eddie Starbuck phoned to let me know that she had reviewed her notes from her previous work on the St. Louis Ship site and discovered a note that indicates that there is a drinking water intake located downstream of the Mound Street PCB site (approximately one mile) on the Illinois side of the Mississippi River. Her notes give the location of this intake as the SE 1/4 of the SW 1/4 of Section 11, T2N, R10W.

Eddie said she obtained this information from the Illinois Water Survey approximately two years ago and that their phone numbers are (217) 333-7223 and 333-5482.

ACTION TAKEN

I phoned the Illinois Water Survey and spoke with Ms. Sally McConkey. Ms. McConkey referred me to the Illinois American Water Company at (618) 874-1873. I then phoned Illinois American Water Company and spoke with a Mr. Richard Reed, Assistant Production Supervisor. Mr. Reed informed me that the Illinois American Water Company utilizes two water intake locations, one at Chouteau Island, which is about 10 miles upstream from the Mound Street site, and the intake in Section 11 in East St. Louis, Illinois. Mr. Reed said that their water company serves 19 medium to small communities with a combined service population of approximately 300,000. He also said that the East St. Louis intake has a

Site: MOUND ST. PCB  
ID #: MO0000093682  
Break: 17.8  
Other: 12-13-93

MOUND STREET PCB'S  
REFERENCE 4

LATITUDE AND LONGITUDE CALCULATION WORKSHEET #2  
LI USING ENGINEER'S SCALE (1/60)

SITE NAME: Mound Street PCB's CERCLIS #: MO000009367

AKA: \_\_\_\_\_ SSID: \_\_\_\_\_

ADDRESS: 100 Mound Street

CITY: St. Louis STATE: MO ZIP CODE: 63102

SITE REFERENCE POINT: Center of former Union Electric Property.

USGS QUAD MAP NAME: Granite City, IL TOWNSHIP: 45 N/S RANGE: 7 E/W

SCALE: 1:24,000 MAP DATE: 1954 SECTION: 1/4 1/4 1/4

MAP DATUM: (1927) 1983 (CIRCLE ONE) MERIDIAN: 5th Principal

COORDINATES FROM LOWER RIGHT (SOUTHEAST) CORNER OF 7.5' MAP (attach photocopy):

LONGITUDE: 90 ° 07 ' 30 " LATITUDE: 38 ° 37 ' 30 "

COORDINATES FROM LOWER RIGHT (SOUTHEAST) CORNER OF 2.5' GRID CELL:

LONGITUDE: 90 ° 10 ' 00 " LATITUDE: 38 ° 37 ' 30 "

CALCULATIONS: LATITUDE (7.5' QUADRANGLE MAP)

A) NUMBER OF RULER GRADUATIONS FROM LATITUDE GRID LINE TO SITE REF POINT: 195

B) MULTIPLY (A) BY 0.3304 TO CONVERT TO SECONDS:

$$A \times 0.3304 = \underline{64.42} "$$

C) EXPRESS IN MINUTES AND SECONDS (1' = 60"): 1 ' 4 . 42 "

D) ADD TO STARTING LATITUDE: 38 ° 37 ' 30 . 00 " + 1 ' 4 . 42 " =

SITE LATITUDE: 38 ° 38 ' 34 . 00 "

CALCULATIONS: LONGITUDE (7.5' QUADRANGLE MAP)

A) NUMBER OF RULER GRADUATIONS FROM RIGHT LONGITUDE LINE TO SITE REF POINT: 173

B) MULTIPLY (A) BY 0.3304 TO CONVERT TO SECONDS:

$$A \times 0.3304 = \underline{57.15} "$$

C) EXPRESS IN MINUTES AND SECONDS (1' = 60"): 0 ' 57 . 15 "

D) ADD TO STARTING LONGITUDE: 90 ° 10 ' 00 . 00 " + 0 ' 57 . 15 " =

SITE LONGITUDE: 90 ° 10 ' 57 . 15 "

INVESTIGATOR: Don Falls DATE: 12/13/93

MOUND STREET PCB'S  
REFERENCE 12

Site: MOUND ST. PCB  
ID #: MO0000093682  
Break: 17.8  
Other: 12-29-93

STATE OF MISSOURI  
DEPARTMENT OF NATURAL RESOURCES  
MEMORANDUM

DATE: December 29, 1993  
TO: Don Falls, <sup>ES</sup> Environmental Specialist, HWP, DEQ  
FROM: Edith Starbuck, Geologist, Environmental Geology Section, DGLS  
SUBJECT: PA/SI Geology Report for the Mound Street Site, St. Louis City

Enclosed is my report on the geologic and hydrologic considerations for the Mound Street Site. The report addresses specific components of the HRS. Please let me know if you have any questions or comments or need additional information.

RECEIVED  
'94 JAN 3 AM 11 27  
HAZARDOUS WASTE PROGRAM  
MISSOURI DEPARTMENT OF  
NATURAL RESOURCES

STATE OF MISSOURI  
DEPARTMENT OF NATURAL RESOURCES  
MEMORANDUM

DATE: January 5, 1994  
TO: Don Falls, Environmental Specialist, HWP, DEQ  
FROM: Edith Starbuck, Geologist, DGLS  
SUBJECT: Existence of karst near the Mound Street Site

Site:	MOUND ST. PCB
ID #:	MD0000093682
Break:	17.8
Other:	1-5-94

Sinkholes and caves can be found in the Mississippian bedrock within the target area. The sinkholes are represented as closed depressions on the Granite City topographic map. Also, the existence of karst features is discussed in the DGLS publication, "Engineering Geology of St. Louis County, Missouri". The karst aquifer probably does not directly underlie the site, however, and it is not likely to be affected by contaminant migration from the site. If the site is actually on the bedrock residual area, any water that percolates down into it should move toward the alluvial aquifer since groundwater movement is toward the river.

Please let me know if you have any further questions about the site geology (314)368-2136.

ES:kb

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MISSOURI DEPARTMENT OF  
NATURAL RESOURCES

SUPERFUND SECTION  
INVESTIGATIVE REPORT  
ENFORCEMENT SENSITIVE

Site: MOUND ST. PCB  
ID #: MD0000093682  
Break: 17.8  
Other: 1-20-94

INVESTIGATOR: Al Wallen 

DATE: January 20, 1994

CASE NAME: Mound Street PCB's

CASE NUMBER: SFINV9403

DATE ASSIGNED: January 20, 1994

STATUS: Open

BACKGROUND INFORMATION

In July of 1993, Metropolitan Sewer District, St. Louis, Missouri, reported finding oil containing PCB's (less than 50 ppm) in one of their lift stations on the Mississippi riverfront. They searched for a source and found an underground storage tank on Terminal Railroad property. The tank was removed and the contents analyzed. Solvents were found and disposed of properly. There is a site next to the railroad reported to have been an old substation owned by UE (Union Electric). According to reports, there was an oil fire in the basement of the substation so the building was demolished and covered up on-site. The groundwater oozing out of the soil appeared to have a definite oil sheen and may have originated from the old UE property.

INVESTIGATION

On January 11, 1994, I went to the Metropolitan St. Louis Sewer District office and met with Investigator Howard Edmond. Mr. Edmond said the case was turned over to the environmental people after the PCB's were discovered in the lift station water.

Mr. Edmond took samples at the site and submitted them to the MSD Environmental Compliance Laboratory. The three manholes he checked showed 25.4 MG/L, 11/7 MG/L, and 36.6 MG/L, PCB's. Copies of the analysis results are attached to this report.

On January 11, 1994, I went to the St. Louis City Hall and obtained information concerning the ownership of the property where the old power plant was located. UE owned the site prior to 1973. I did not check to see ownership prior to that year. In 1973, the property ownership was transferred to Tenlis Company. In 1981, Tenlis transferred ownership to AZCON. In 1985, AZCON transferred the property to Mound Street Corporation. In 1993, the property was transferred to McKinley Iron Incorporated. A copy of a plat map of the area surrounded by First Street, Mound Street, and Mullanphy is attached for your review.



DEPARTMENT OF NATURAL RESOURCES  
Division of Environmental Quality  
Hazardous Waste Program

MOUND STREET PCB  
REFERENCE 26

TELEPHONE OR CONFERENCE RECORD

File: Mound Street PCBs

Date: March 15, 1994

TELEPHONE (314) 425-4468

Incoming ( )  
Outgoing (X)

CONFERENCE

Field ( )  
Office ( )

Site:	MOUND ST. PCB
ID #:	MD000693682
Break:	17.8
Other:	3-15-94

SUBJECT: Jefferson National Expansion Memorial - Gateway Arch

PERSONS INVOLVED

Name

Ms. Louise Barra  
Don Falls

Representing

National Park Service, Gateway Arch  
MDNR, Hazardous Waste Program

SUMMARY OF CONVERSATION:

I phoned the public affairs office of the Jefferson National Expansion Memorial in St. Louis and spoke with a Ms. Louise Barra. Ms. Barra is a public affairs officer with the National Park Service. I asked Ms. Barra if she could tell me the exact acreage of the park and the total annual attendance. Ms. Barra informed me that the park encompasses just over 90 acres and the total annual attendance for all the park property, including the parking structure, is approximately 2.7 million people.

FINAL RESULTS:

This information will be incorporated into the Mound Street PCB Preliminary Assessment.

*Don Falls*

Don Falls  
Environmental Specialist  
Hazardous Waste Program

DF:so

DEPARTMENT OF NATURAL RESOURCES  
Division of Environmental Quality  
Hazardous Waste Program

MOUND STREET PCB  
REFERENCE 29

TELEPHONE OR CONFERENCE RECORD

File: Mound Street PCBs

Date: March 15, 1994

TELEPHONE (314) 882-9880

CONFERENCE

Incoming ( )  
Outgoing (X)

Field ( )  
Office (X)

<b>Site:</b> MOUND ST. PCB
<b>ID #:</b> MD0000093682
<b>Break:</b> 17.8
<b>Other:</b> 3-15-94

SUBJECT: Fish Consumption From the Mississippi River at St. Louis

PERSONS INVOLVED

Name

Representing

Jack Robinson  
Don Falls

Missouri Department of Conservation  
MDNR, Hazardous Waste Program

SUMMARY OF CONVERSATION:

I contacted the Missouri Department of Conservation (MDOC) office in Columbia to see if their department has any records concerning annual fish consumption from the Mississippi River at St. Louis. I was referred to Mr. Jack Robinson, a fisheries biologist with the MDOC who is responsible for records of commercial fish harvest on the Missouri, Meramec, and Mississippi Rivers.

Mr. Robinson explained that MDOC did not have information on actual consumption of fish, but only on the numbers caught by commercial fishermen. This information also does not include the numbers of fish taken and eaten by sports fishers.

Mr. Robinson said that he would send me the information on annual harvest from the Mississippi River later in the week. Mr. Robinson suggested that the Missouri Department of Health might have figures on the actual amount of fish consumed because of their previous studies on Chlordane and fish.

FINAL RESULTS:

This information will be included in the Mound Street PCBs Preliminary Assessment.

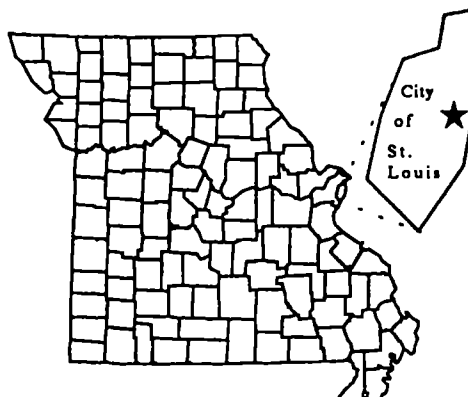
Don Falls  
Don Falls  
Environmental Specialist  
Hazardous Waste Program

Site: MOUND ST. PCB  
ID #: M00000093682  
Break: 17.8  
Other: 3-21-94

PRELIMINARY ASSESSMENT  
MOUND STREET PCB'S  
CITY OF ST. LOUIS, MISSOURI

March 21, 1994

Missouri Department of Natural Resources  
Hazardous Waste Program



Prepared By

*Don Falls*

Don Falls  
Environmental  
Specialist

Reviewed By

*James L. Kavanaugh*

James L. Kavanaugh  
Chief, Site  
Evaluation Unit

Approved By

*Edwin Knight*

Edwin Knight  
Chief  
Superfund Section

Site: MOUND ST. PCB  
MOUND STREET PCB'S ID #: MD000093682  
REFERENCE 5 Break: 17.8  
Other: N/D



# CLIMATIC ATLAS OF THE UNITED STATES

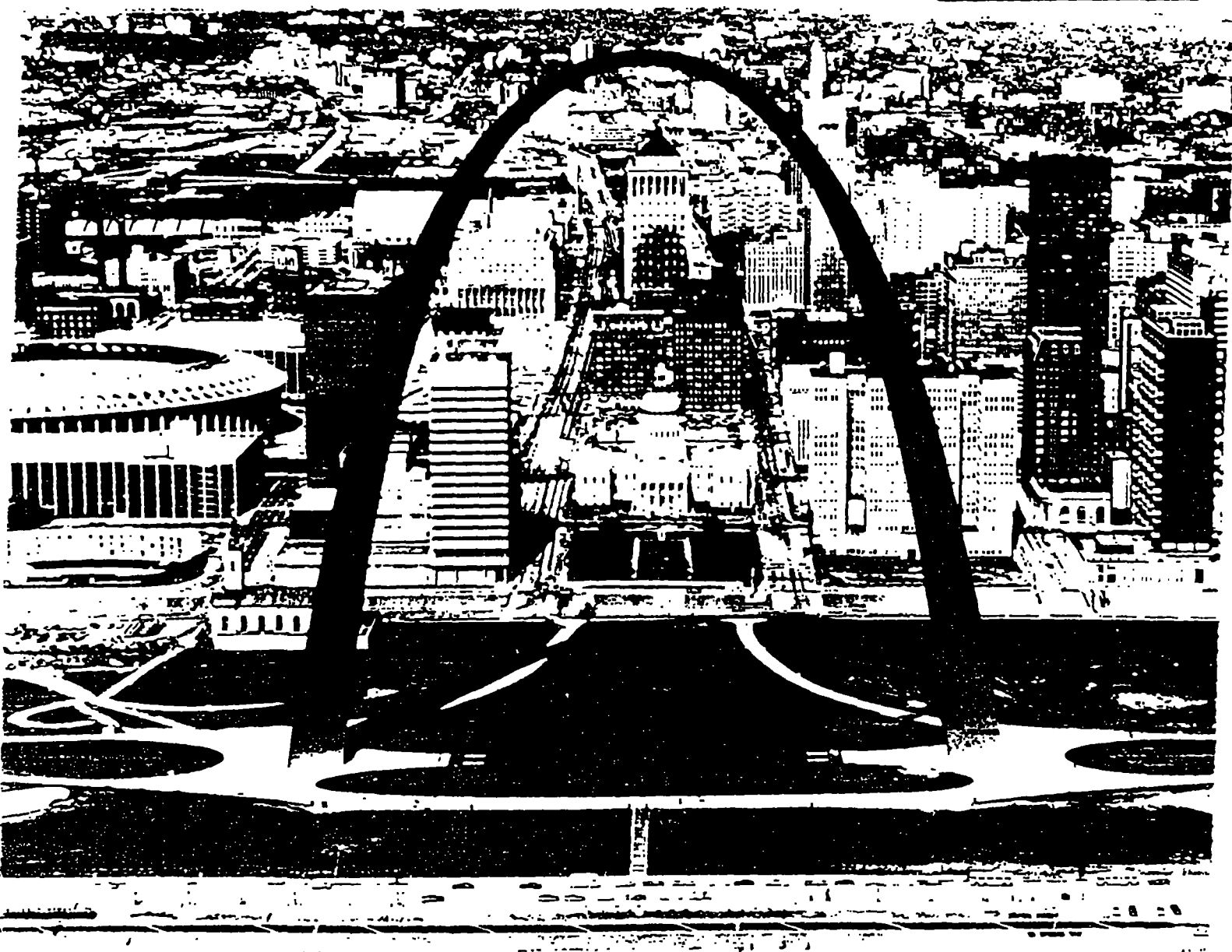
1973

Soil survey of

# St. Louis County and St. Louis City, Missouri

MOUND STREET PCB'S  
REFERENCE 17

Site: MOUND ST. PCB  
ID #: MO000093682  
Break: 17.8  
Other: N/D



United States Department of Agriculture  
Soil Conservation Service  
in cooperation with  
Missouri Agricultural Experiment Station